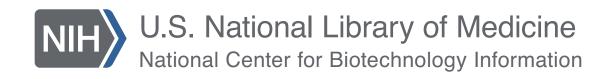
# How To: Cite the Pathogen Detection Resource and the Data Contained Within

NCBI Pathogen Detection

https://www.ncbi.nlm.nih.gov/pathogens



# At a glance

WARNING: Although the data in Pathogen Detection uses an accession.version system similar to other NCBI databases, due to the high turnover of analysis results, only a limited 'history' of these objects are kept.

- If citing the entire resource without using a subset of data, use the date the website was accessed
- If a subset of data is used, include the identifiers from the data archives (SRA, BioSample, GenBank/Assembly) as well as the Pathogen Detection specific identifiers (PDG, PDT, PDS)
- If a subset of data is used, acknowledge the original submitters in your presentation or manuscript
- If citing one of the methods used in Pathogen Detection, cite the appropriate published paper

#### https://www.ncbi.nlm.nih.gov/pathogens

#### Pathogen Detection **BETA**

To assist the National Database of Antibiotic Resistant Organisms (NDARO), NCBI Pathogen Detection identifies the antimicrobial resistance, stress response, and virulence genes found in bacterial genomic sequences. This enables scientists to track the spread of resistance genes and to understand the relationships between antimicrobial resistance and virulence.

NCBI Pathogen Detection integrates bacterial pathogen genomic sequences originating in food, environmental sources, and patients. It quickly clusters and identifies related sequences to uncover potential food contamination sources, helping public health scientists investigate foodborne disease outbreaks.



NCBI Pathogen Detection now contains over one million isolate genomes from 48 organism groups: 47 bacterial and one fungal!

#### Search isolates:

Search

#### Examples:

- 1. Search for isolates encoding a mobile colistin resistance gene and a KPC beta-lactamase search: AMR\_genotypes:mcr\* AND AMR\_genotypes:blaKPC\*
- 2. Search for Salmonella isolates from the USA search: geo\_loc\_name: USA AND taxgroup\_name: "Salmonella enterica"

#### **Explore the Data**

**Learn More** 

**About** 

Success Stories

**FAQ** 

1. Note the date the website was accessed

**Browser Factsheet** 

**Antimicrobia** 

Antimicrobi

Contributors

Help

How To

2. If using the **Isolates Browser** proceed to the next page

3. If using the MicroBIGG-E proceed to page 7

**Data Resources** 

Isolates Browser

Microbial Browser for Identification of Genetic and Genomic Elements (MicroBIGG-E)

Reference Gene Catalog

**NEW** Reference Gene Hierarchy

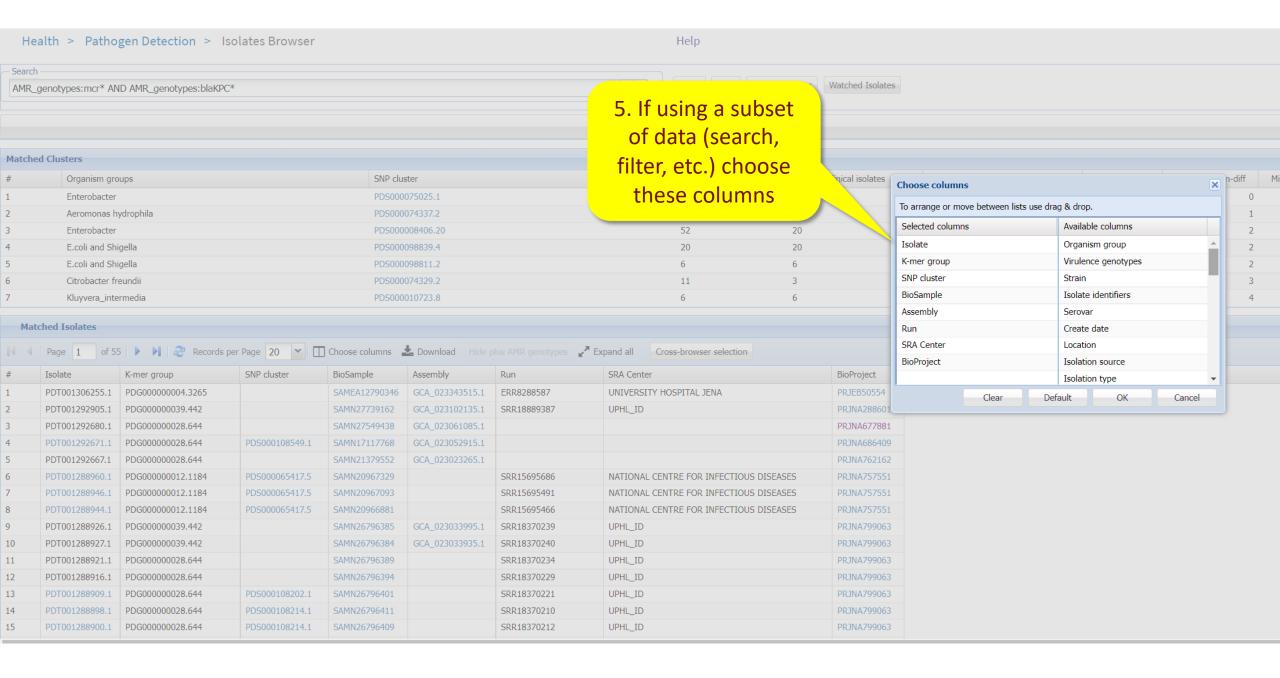
Reference HMM Catalog

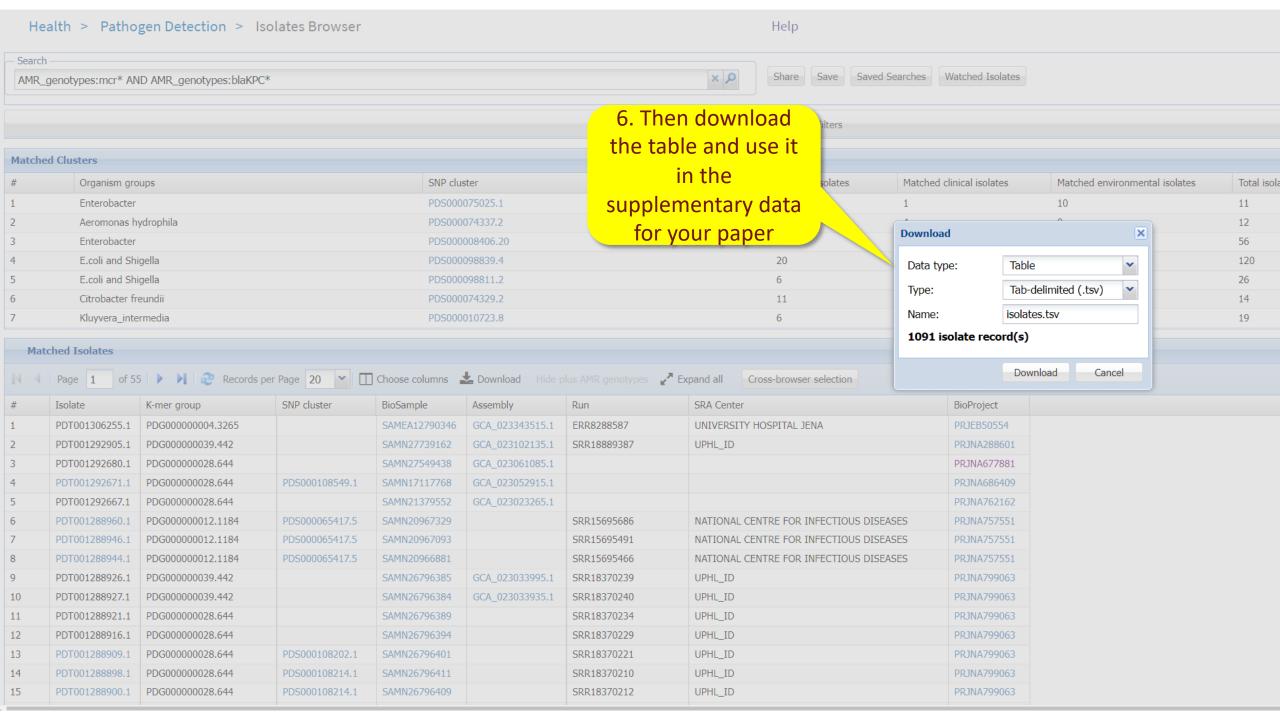
Isolates with antibiotic resistant phenotypes

Download analysis results (FTP)

4. If using NCBI AMR resources cite the appropriate publication

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Assemblies submitted to the submitter information

GenBank will have

**SRA Center** for data submitted to SRA from large-scale sequencing initiatives

SRR18889387

SRR15695686

SRR15695491

SRR15695466

SRR18370239

SRR18370240

SRR18370234

SRR18370229

SRR18370221

SRR18370210

SRR18370212

SRR18370205

encompass multiple data items and consortium to which the data are submitted

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Expand all

SRA Center

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**BioProjects** 

7. Acknowledge the appropriate data submitters in your manuscript

PDT001288946.1

PDT001288944.1

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PDT001288893.1

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cords per Page 20 Choose columns Download SNP cluster BioSample Assembly

3265 SAMEA12790346 GCA 023345 442 SAMN27739162 GCA\_023102135.1 644 SAMN27549438 GCA\_023061085.1 644 PDS000108549.1 SAMN17117768 GCA\_023052915.1 SAMN21379552 GCA 023023265.1 644 PDS000065417.5 SAMN20967329 2.1184 PDG000000012.1184 PDS000065417.5 SAMN20967093 PDG000000012.1184 PDS000065417.5 SAMN20966881 GCA\_023033995.1 PDG000000039.442 SAMN26796385 PDG000000039.442 SAMN26796384 GCA\_023033935.1 PDG000000028.644 SAMN26796389 PDG000000028.644 SAMN26796394 PDG000000028.644 PDS000108202.1 SAMN26796401 PDG000000028.644 PDS000108214.1 SAMN26796411 PDS000108214.1 PDG000000028.644 SAMN26796409 PDG000000028.644 SAMN26796416

typically describe an 'initiative' or

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PRJNA757551 PRJNA799063 PRJNA799063 PRJNA799063 PRJNA799063

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BioProject

PRJEB50554

PRJNA288601

PRJNA677881

PRJNA686409

PRJNA762162

PRJNA757551

PRJNA757551

## More information

For information on different accessions in Pathogen Detection see:

https://www.ncbi.nlm.nih.gov/pathogens/pathogens help/#unique-identifiers

#### For full details on data retention see:

https://www.ncbi.nlm.nih.gov/pathogens/pathogens help/#data-retention

### For citing the Pathogen Detection site see:

https://www.ncbi.nlm.nih.gov/pathogens/pathogens help/#citing

### For citing specific methods used in Pathogen Detection see:

https://www.ncbi.nlm.nih.gov/pathogens/pathogens help/#references-methods

Questions and further help: email pd-help@ncbi.nlm.nih.gov